said support information to be stored in said management area is configured to include at least one of:

a first information indicating the data unit which contains an access unit corresponding to an I-picture, and

a second information of a random access indicator corresponding to the I-picture.

32. (Amended) The information storage medium of Claim 24, wherein the support information includes at least one of a group including:

a first support flag of the random access indicator indicating whether random access is permitted,

a second support flag of a unit start indicator, wherein data of the I-picture is configured to be read when said unit start indicator is supported,

a third support flag indicating whether a program association table and a program map table are supported, and

a fourth support flag indicating whether a presentation clock reference is supported.

Please add new Claims 33-41 as follows.

33. (New) The medium of claim 24, wherein said support information includes information relating to the I-pictures.

34. (New) The medium of claim 24, wherein said support information to be stored in said management area is configured to have specific portions for including one or more address information of the I-pictures to be recorded in said data area.

35. (New) An apparatus for recording an MPEG transport stream in an information storage medium which comprises,

a data area configured to store an MPEG transport stream containing information of I-pictures, said MPEG transport stream being recorded as data units, and

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a management area configured to store support information contained in the MPEG transport stream, wherein,

said support information to be stored in said management area is configured to include at least one of:

a first information indicating the data unit which contains an access unit corresponding to an I-picture, and

a second information of a random access indicator corresponding to the I-picture,

said recording apparatus comprising:

a first recorder part configured to record the MPEG transport stream in the data area of said medium; and

a second recorder part configured to record the support information in the management area of said medium.

36. (New) An apparatus for reproducing a recorded MPEG transport stream in an information storage medium which comprises,

a data area configured to store an MPEG transport stream containing information of I-pictures, said MPEG transport stream being recorded as data units, and

a management area configured to store support information contained in the MPEG transport stream, wherein,

said support information to be stored in said management area is configured to include at least one of:

a first information indicating the data unit which contains an access unit corresponding to an I-picture, and

a second information of a random access indicator corresponding to the I-picture,

said reproducing apparatus comprising:

a first reproducer part configured to reproduce the support information from the management area of said medium; and

a second reproducer part configured to reproduce the recorded MPEG transport stream from the data area of said medium.

37. (New) A method for recording a broadcasted MPEG transport stream in an information storage medium which comprises,

a data area configured to store an MPEG transport stream containing information of I-pictures, said MPEG transport stream being recorded as data units, and

a management area configured to store support information contained in the MPEG transport stream, wherein,

said support information to be stored in said management area is configured to include at least one of:

a first information indicating the data unit which contains an access unit corresponding to an I-picture, and

a second information of a random access indicator corresponding to the I-picture,

said recording method comprising:

obtaining electric program guide information from the broadcasted MPEG transport stream;

designating a program to be recorded using said electric program guide information;

obtaining the support information of the designated program from the broadcasted MPEG transport stream;

writing the obtained support information in the management area of said medium; and

recording information of the broadcasted MPEG transport stream of the designated program.

38. (New) A method for reproducing a recorded MPEG transport stream in an information storage medium which comprises,

a data area configured to store an MPEG transport stream containing information of I-pictures, said MPEG transport stream being recorded as data units, and

a management area configured to store support information contained in the MPEG transport stream, wherein,

said support information to be stored in said management area is configured to include at least one of:

a first information indicating the data unit which contains an access unit corresponding to an I-picture, and

a second information of a random access indicator corresponding to the I-picture,

said reproducing method comprising:

fetching the support information from the management area of said medium; and

playing back specified contents of the recorded MPEG transport stream from the data area of said medium.

39. (New) The method of claim 38, further comprising:

performing a first forward process so as to playback the I-picture only.

40. (New) An apparatus for recording an MPEG transport stream in an information storage medium which comprises,

a data area configured to store an MPEG transport stream containing information of I-pictures, said MPEG transport stream being recorded as data units, and

a management area configured to store support information contained in the MPEG transport stream, wherein,

said support information to be stored in said management area is configured to include at least one of: